

Abstract

An immobilization method, an apparatus, and a manufacturing method of a microstructure are provided, where the method including the electrospray step by which a solution containing at least one objective substance is supplied to a capillary; and immobilization step by which the objective substance in the solution atomized in the electrospray step is immobilized on an object, which is to be coated and has an arbitrary shape, in a dried state by an electrostatic force while retaining functionality and/or activity of the objective substance, resulting in a thickness on the order of nanometers.